



## Electrical Engineering

### Example Program of Study - 1a – Starting with Calculus

	Fall	Winter	Spring
<b>Freshman</b>			
MATH 263A	Calculus 4	MATH 263B	Calculus 4
EE 101 or 102	Intro to EE or CpE 4	EE 102 or 101	Intro to CpE or EE 4
CHEM 151	Fundamentals of Chem. I 5	TIER II	Elective T-II 3-5
TIER II	Elective T-II 3-5	PROGR-I	Programming Elective I 4-5
			MATH 263C
			Calculus 4
			EE 103
			Intro to ECE Design 4
			MATH/SC-I
			Math/Basic Science Elective 4-5
			ENGLISH
			Freshman Composition 5
 <b>Sophomore</b>			
EE 210	Fundamentals of ECE I 4	EE 211	Fundamentals of ECE II 4
MATH 263D	Calculus 4	EE 221	Instrumentation Laboratory 4
PHYS 251	Gen. Physics 5	MATH 340	Diff. Equations 4
TIER II	Elective T-II Breadth/Depth 3-5	PHYS 252	Gen. Physics 5
			EE 212
			Fundamentals of ECE III 4
			CE 220
			Statics 4
			CS 240A
			Programming Elective II 4-5
			MATH/SC-II
			Math/Basic Science Elective 4-5
 <b>Junior</b>			
EE 395A	Int. ECE Design Exp. 4	EE 395B	Int. ECE Design Exp. 4
EE 371	App. Prob. and Stat. for EEs 4	EE 321	Electromag. and Materials I 4
EE 333	Intermediate EE I 4	ENG-EL-I	Engineering Elective-I 3-5
MATH 440	Vector Analysis 4	TIER II	Elective T-II Breadth/Depth 3-5
			EE 395C
			Int. ECE Design Exp. 4
			EE 334
			Intermediate EE II. 4
			ENG 3XXXJ
			Junior English 4
			MATH/SC-III
			Math/Basic Science Elective 4-5
 <b>Senior</b>			
EE 495A	ECE Capstone Design 4	EE 495B	ECE Capstone Design 4
SEN-EL-I	EECS Elective-I 4	SEN-EL-II	EECS Elective-II 4
FREE	Free Elective-I 3-5	ENG-EL-II	Engineering Elective-II 3-5
	Tier III-Waived 4	TECH-EL-I	Tech Elective-I 3-5
			EE 495C
			ECE Capstone Design 4
			SEN-EL-III
			EECS Elective-III 4
			FREE
			Free Elective-II 3-5
			TECH-EL-II
			Tech Elective -II 3-5

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